| Ir | ndex | of C | Clair | ns |  |
|----|------|------|-------|----|--|
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| Appl | ication | /Contro | ol No. |
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10/767,588 Examiner

DALEY ET AL.

Art Unit

Applicant(s)/Patent under Reexamination

THU-THAO HAVAN

3695

| <b>√</b> | Rejected |
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| ı | (Through numeral)<br>Cancelled |
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|       |  |          |  |          |   |          |          |   |   |  |  |  |  |
| Final |  | 6/17/10  |  |          |   |          |          |   |   |  |  |  |  |
|       | 1  |          |  |          |   |          |          |   |   |  |  |  |  |
|       | 2  |          |  |          |   |          |          |   |   |  |  |  |  |
|       | 3  |          |  |          |   |          |          |   |   |  |  |  |  |
|       | 1  |          |  |          |   |          |          |   |   |  |  |  |  |
|       | -  | $\vdash$ |  | $\vdash$ |   | _        |          |   |   |  |  |  |  |
|       | 1<br>2<br>3<br>4<br>5<br>6                   |          |  | _        |   | _        |          |   |   |  |  |  |  |
|       | <u>ь</u>                                     |          |  |          |   |          |          |   |   |  |  |  |  |
|       | 7  |          |  | _        |   | _        |          |   |   |  |  |  |  |
|       | 8<br>9                                       |          |  |          |   |          |          |   |   |  |  |  |  |
|       | 9  |          |  |          |   |          |          |   |   |  |  |  |  |
|       | 10   |          |  |          |   |          |          |   |   |  |  |  |  |
|       | 11   |          |  |          |   |          |          |   |   |  |  |  |  |
|       | 12   |          |  | <u> </u> |   | <u> </u> |          |   |   | <u> </u>   |  |  |  |
|       | 13   |          |  |          |   |          |          |   |   |  |  |  |  |
|       | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17 |          |  |          |   |          |          |   |   |  |  |  |  |
|       | 15   |          |  |          |   |          |          |   |   |  |  |  |  |
|       | 16   |          |  |          |   |          |          |   |   |  |  |  |  |
|       | 17   |          |  |          |   |          |          |   |   |  |  |  |  |
|       | 18   |          |  |          |   |          |          |   |   |  |  |  |  |
| 1     | 19   | =        |  |          |   |          |          |   |   |  |  |  |  |
| 2     | 19<br>20<br>21                               | =        |  |          |   |          |          |   |   |  |  |  |  |
|       | 21   |          |  |          |   |          |          |   |   |  |  |  |  |
|       | 22   |          |  |          |   |          |          |   |   |  |  |  |  |
|       | 23   |          |  |          |   |          |          |   |   |  |  |  |  |
|       | 22<br>23<br>24<br>25                         | H        |  |          |   |          |          |   |   |  |  |  |  |
| 3     | 25   | =        |  | _        |   |          |          |   |   |  |  |  |  |
| 4     | 26   | =        |  | _        |   |          |          |   |   |  |  |  |  |
| 5     | 27   | =        |  | $\vdash$ |   | _        |          |   |   | -  |  |  |  |
| 6     | 27<br>28                                     | =        |  | $\vdash$ |   | $\vdash$ |          |   |   |  |  |  |  |
| Ь     | 20   | -        |  |          |   |          |          |   |   |  |  |  |  |
|       | 29   |          |  |          |   |          |          |   |   |  |  |  |  |
|       | 30   |          |  | _        |   | _        |          |   |   |  |  |  |  |
| 7     | 31   | =        |  | <u> </u> |   | <u> </u> | _        | _ |   | <u> </u>   |  |  |  |
|       | 32   | L        |  | <u> </u> |   | <u> </u> |          | _ |   | _  |  |  |  |
|       | 33<br>34                                     |          |  | _        |   | _        |          |   |   | _  |  |  |  |
|       | 34   | _        |  | <u> </u> |   | <u> </u> |          | _ |   | <u> </u>   |  |  |  |
|       | 35<br>36                                     |          |  | _        |   | _        |          |   |   |  |  |  |  |
|       | 36   | L        |  | _        |   | <u> </u> |          |   |   | L_   |  |  |  |
|       | 37   |          |  | _        |   | _        |          |   |   |  |  |  |  |
|       | 38   |          |  |          |   |          |          |   |   |  |  |  |  |
|       | 39   |          |  |          |   |          |          |   |   |  |  |  |  |
|       | 40   |          |  |          |   |          |          |   |   |  |  |  |  |
|       | 41   |          |  |          |   |          |          |   |   |  |  |  |  |
|       | 42   |          |  |          |   |          |          |   |   |  |  |  |  |
|       | 43   |          |  |          |   |          |          |   |   |  |  |  |  |
|       | 44   |          |  |          |   |          |          |   |   |  |  |  |  |
|       | 45   |          |  |          |   |          |          |   |   |  |  |  |  |
|       | 46   |          |  | $\vdash$ |   | $\vdash$ |          |   |   |  |  |  |  |
|       | 47   | $\vdash$ |  | $\vdash$ |   | $\vdash$ |          |   |   | $\vdash$   |  |  |  |
|       | 48   | $\vdash$ |  | $\vdash$ |   | $\vdash$ | -        |   |   | $\vdash$   |  |  |  |
|       |  | $\vdash$ |  | $\vdash$ |   | $\vdash$ | -        | _ |   | <del>                                     </del> |  |  |  |
|       | 49   | $\vdash$ |  | <u> </u> | - | <u> </u> | <u> </u> | _ |   | <u> </u>   |  |  |  |
| I     | 50   | ı        |  | ı        | l | l        | ĺ        |   | l | l  |  |  |  |

|          | Claim          |          |         |          |   | [        | Date | 9 |   |          |   |
|----------|----------------|----------|---------|----------|---|----------|------|---|---|----------|---|
|          |                |          |         |          |   |          |      |   |   |          |   |
|          | ا ڃ            | пa       | 6/17/10 |          |   |          |      |   |   |          |   |
| ١,       | Final          | igi      | 17/     |          |   |          |      |   |   |          |   |
|          | щ              | ō        | /9      |          |   |          |      |   |   |          |   |
| $\vdash$ |                |          |         |          | $\vdash$                                  |          |      |   |   | -        |   |
| $\vdash$ |                | 51       |         |          | $\vdash$                                  |          |      |   |   | _        |   |
|          |                | 52<br>53 |         |          |   |          |      |   |   |          |   |
|          | 8              | 53       | =       |          |   |          |      |   |   |          |   |
|          | 9              | 54       | =       |          |   |          |      |   |   |          |   |
|          | 10             | 55       | =       |          |   |          |      |   |   |          |   |
| '        | 11             | 56       | =       |          |   |          |      |   |   |          |   |
|          | 12<br>13       | 57       | П       |          |   |          |      |   |   |          |   |
| 7        | 13             | 58       | =       |          |   |          |      |   |   |          |   |
| 7        | 14             | 59       | =       |          |   |          |      |   |   |          |   |
|          | 15             | 60       | =       |          |   |          |      |   |   |          |   |
| <i>-</i> | 16             | 61       | =       |          |   |          |      |   |   |          |   |
| <b>—</b> | 15<br>16<br>17 | 62       | =       |          |   | Н        |      |   |   |          |   |
| $\vdash$ | 18             | 63       |         |          | $\vdash$                                  |          |      |   |   |          |   |
| $\vdash$ | 19             | 64       | =       | $\vdash$ | $\vdash$                                  | $\vdash$ |      |   |   | -        |   |
| -        | 18<br>20       | 04       | =       |          | $\vdash$                                  |          |      |   |   |          |   |
| 1        | 20             | 65       | =       |          | $\vdash$                                  | H        |      |   |   | _        |   |
| 1        | 21             | 66       | =       |          | $\vdash$                                  |          |      |   |   |          |   |
|          |                | 67       |         |          |   |          |      |   |   |          |   |
|          |                | 68       |         |          |   |          |      |   |   |          |   |
|          |                | 69       |         |          |   |          |      |   |   |          |   |
|          |                | 70       |         |          |   |          |      |   |   |          |   |
|          |                | 71       |         |          |   |          |      |   |   |          |   |
|          |                | 72       |         |          |   |          |      |   |   |          |   |
|          |                | 73       |         |          |   |          |      |   |   |          |   |
|          |                | 74       |         |          |   |          |      |   |   |          |   |
|          |                | 75       |         |          |   |          |      |   |   |          |   |
|          |                | 76       |         |          |   |          |      |   |   |          |   |
| H        |                | 77       |         |          |   |          |      |   |   |          |   |
| $\vdash$ |                | 78       |         |          | $\vdash$                                  |          |      |   |   |          |   |
| -        |                | 70       |         |          |   |          |      |   |   |          |   |
|          |                | 79       |         |          |   |          |      |   |   |          |   |
|          |                | 80       |         |          | _   |          |      |   |   |          |   |
|          |                | 81       |         | Щ        | $\vdash$                                  | Щ        |      |   | _ |          |   |
|          |                | 82       |         |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$       |          |      |   |   |          |   |
|          |                | 83       |         |          |   |          |      |   |   |          |   |
|          |                | 84       |         |          |   |          |      |   |   |          |   |
| L        |                | 85       |         |          | $oxedsymbol{oxedsymbol{oxedsymbol{eta}}}$ |          |      |   |   |          |   |
|          |                | 86       |         |          |   |          |      |   |   | L        |   |
|          |                | 87       |         |          |   |          |      |   |   |          |   |
|          |                | 88       |         |          |   |          |      |   |   |          |   |
|          |                | 89       |         |          |   |          |      |   |   |          |   |
|          |                | 90       |         |          |   |          |      |   |   |          |   |
|          |                | 91       |         |          |   |          |      |   |   |          |   |
| $\vdash$ |                | 92       |         |          |   |          |      |   |   |          |   |
| $\vdash$ |                | 93       |         |          | $\vdash$                                  |          |      |   |   |          |   |
| $\vdash$ |                | 94       |         | $\vdash$ | $\vdash$                                  | Н        |      |   |   | -        |   |
| $\vdash$ |                |          |         | H        | $\vdash$                                  | H        |      |   |   | -        |   |
| -        |                | 95       |         | H        | $\vdash$                                  | H        |      |   | _ | -        |   |
| -        |                | 96       |         |          | $\vdash$                                  |          |      |   |   |          |   |
|          |                | 97       |         |          | $\vdash$                                  |          |      |   |   |          |   |
|          |                | 98       |         | Ш        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$       | Ш        |      |   |   | <u> </u> |   |
| L        |                | 99       |         |          |   |          |      |   |   |          |   |
|          |                | 100      |         |          | I   |          |      |   | _ |          | _ |

| Cla           | aim      |          |              |          |   | Date | е        |          |          |          | Cla      | im       |          |                |          | Ę         | ate |         |    |         |          | Cla      | aim        |          |          |          | Ç        | ate      |          |   |          |   |
|---------------|----------|----------|--------------|----------|---|------|----------|----------|----------|----------|----------|----------|----------|----------------|----------|-----------|-----|---------|----|---------|----------|----------|------------|----------|----------|----------|----------|----------|----------|---|----------|---|
| R             | Original | 6/17/10  |              |          |   |      |          |          |          |          | Final    | Original | 6/17/10  |                |          |           |     |         |    |         |          | Final    | Original   |          |          |          |          |          |          |   |          |   |
|               | 1        |          |              |          |   |      |          |          |          |          |          | 51       |          |                |          |           |     | $\perp$ |    |         | _        |          | 101        |          |          |          |          |          |          |   |          |   |
|               | 2        |          |              | _        |   |      |          |          |          |          |          | 52       |          | Ш              |          | _         |     |         |    |         | _        |          | 102        |          |          | 4        |          |          | _        |   | _        |   |
|               | 3        | _        |              | <u> </u> |   |      |          |          |          | _        | 8        | 53       | =        | Ш              | _        | _         | _   | 4       | 4  |         | 4        |          | 103        | _        |          | 4        | _        | _        | _        | - | 4        |   |
|               | 4        | _        | -            | ⊢        |   |      |          |          |          | _        | 9        | 54       | =        | Н              | _        | $\dashv$  |     | _       |    | _       | 4        |          | 104        | _        | _        | +        | _        |          | $\dashv$ |   | -        |   |
|               | 5<br>6   |          |              | ┢        |   |      |          |          |          | $\dashv$ | 10       | 55<br>56 | =        | Н              |          | $\dashv$  |     | +       |    | +       |          | -        | 105<br>106 |          | _        | +        | $\dashv$ |          | $\dashv$ |   | $\dashv$ |   |
|               | 7        |          |              | ┢        |   |      |          |          |          | $\dashv$ | 11<br>12 | 56<br>57 | =        | Н              |          | $\dashv$  |     | +       | -  | +       | $\dashv$ |          | 107        |          | _        | +        | $\dashv$ |          | $\dashv$ |   | $\dashv$ |   |
|               | 8        | $\vdash$ |              | $\vdash$ |   |      |          |          |          | $\dashv$ | 13       | 58       | =        | Н              |          | $\dashv$  |     | +       | -  | +       | $\dashv$ |          | 108        |          | +        | -        | $\dashv$ |          | $\dashv$ |   | $\dashv$ |   |
|               | 9        |          |              | H        |   |      |          |          |          | _        | 14       | 59       | =        | Н              |          | $\dashv$  |     | +       |    | +       | _        |          | 109        |          |          |          | _        |          | $\dashv$ |   | $\dashv$ |   |
|               | 10       | $\vdash$ |              | H        |   |      |          |          |          | 一        | 15       | 60       | =        | Н              |          | $\dashv$  | 1   |         |    |         | _        |          | 110        | 1        |          | 1        | _        |          | 一        |   | _        |   |
|               | 11       |          |              | T        |   |      |          |          |          | $\neg$   | 16       | 61       | =        | П              |          | $\neg$    |     | 1       |    | $\top$  | 1        |          | 111        |          |          | T        | $\neg$   |          | $\neg$   |   | T        |   |
|               | 12       |          |              | T        |   |      |          |          |          | ヿ        | 17       | 62       | =        | П              |          | 一         |     | T       |    | T       | 1        |          | 112        |          |          |          | $\neg$   |          | 一        |   | T        |   |
|               | 13       |          |              |          |   |      |          |          |          |          | 18       | 63       | =        |                |          |           |     |         |    |         | T        |          | 113        |          |          |          |          |          |          |   |          |   |
|               | 14       |          |              |          |   |      |          |          |          |          | 19       | 64       | =        |                |          |           |     |         |    |         |          |          | 114        |          |          |          |          |          |          |   |          |   |
|               | 15       |          |              |          |   |      |          |          |          |          | 20       | 65       | =        | Ш              |          |           |     |         |    |         | _        |          | 115        |          |          |          |          |          | $\Box$   |   |          |   |
|               | 16       |          |              |          |   |      |          |          |          |          | 21       | 66       | =        |                |          |           |     |         |    |         | _        |          | 116        |          |          |          |          |          | _        |   |          |   |
|               | 17       |          |              |          |   |      |          |          |          |          |          | 67       |          | Ш              |          | _         |     |         |    |         | _        |          | 117        |          | _        | 4        | _        |          | $\dashv$ |   | _        |   |
|               | 18       |          |              | _        |   |      |          |          |          |          |          | 68       |          | Ш              |          | _         |     | 4       |    |         | _        |          | 118        |          |          |          |          |          | _        |   | _        |   |
| <u> </u>      | 19       | =        |              | <u> </u> |   |      |          |          |          | _        |          | 69       |          | Ш              | _        | _         | _   | _       | 4  |         | 4        |          | 119        | _        | _        | 4        | _        |          | _        | - | 4        |   |
| 2             | 20       | =        | -            | ┢        |   |      |          |          |          | $\dashv$ |          | 70       | _        | Н              | _        | $\dashv$  | _   | _       | _  | _       | 4        |          | 120        | _        | _        | 4        | _        | _        | $\dashv$ | - | -        |   |
|               | 21       | $\vdash$ |              | ┢        |   |      |          |          |          | -        |          | 71       |          | Н              |          | $\dashv$  | _   | _       |    | +       | 4        |          | 121        | -        | _        | -        | -        | -        | $\dashv$ |   | -        |   |
|               | 22<br>23 |          |              | -        |   |      |          |          |          |          |          | 72<br>73 |          | Н              |          | -         |     |         |    |         | -        |          | 122<br>123 |          |          |          | -        |          | $\dashv$ |   | -        |   |
|               | 24       | $\vdash$ |              | $\vdash$ |   |      |          |          |          | $\dashv$ |          | 74       | $\vdash$ | Н              |          | $\dashv$  |     | +       |    | +       | $\dashv$ |          | 123        |          | -        | +        | $\dashv$ |          | $\dashv$ |   | $\dashv$ |   |
| 3             | 25       | =        | <del> </del> | ┢        |   |      |          |          |          | $\dashv$ |          | 75       |          | Н              | _        | $\dashv$  |     | +       | -  | +       | -        |          | 125        |          | +        | +        | $\dashv$ |          | $\dashv$ | + | $\dashv$ |   |
| <u>,</u><br>1 | 26       | =        |              | H        |   |      |          |          |          | $\dashv$ |          | 76       |          |                | -        | $\dashv$  | - 1 | +       |    |         |          |          | 126        |          | +        | +        | _        | - 1      | 一        |   | _        |   |
| <u>-</u>      | 27       | =        |              | $\vdash$ |   |      |          |          |          | $\dashv$ |          | 77       |          | Н              | _        | $\dashv$  |     | +       |    |         | ┪        |          | 127        | <u> </u> |          | 7        | $\neg$   |          | 一        |   | $\dashv$ |   |
| <u>-</u>      | 28       | =        |              | t        |   |      |          |          |          | _        |          | 78       |          | П              |          | $\exists$ |     | 1       |    |         | _        |          | 128        |          |          | 1        |          |          | T        |   | _        |   |
|               | 29       |          |              |          |   |      |          |          |          |          |          | 79       |          |                |          |           |     |         |    |         | _        |          | 129        |          |          | 7        |          |          |          |   |          |   |
|               | 30       |          |              |          |   |      |          |          |          |          |          | 80       |          | П              |          |           |     |         |    |         | T        |          | 130        |          |          | T        |          |          |          |   |          |   |
| 7             | 31       | =        |              |          |   |      |          |          |          |          |          | 81       |          |                |          |           |     |         |    |         | 1        |          | 131        |          |          |          |          |          |          |   |          |   |
|               | 32       |          |              |          |   |      |          |          |          |          |          | 82       |          |                |          |           |     |         |    |         |          |          | 132        |          |          |          |          |          |          |   |          |   |
|               | 33       |          |              |          |   |      |          |          |          |          |          | 83       |          |                |          |           |     |         |    |         | _        |          | 133        |          |          |          |          |          | _        |   |          |   |
|               | 34       |          | 1            | $\vdash$ |   |      |          |          | Ш        |          |          | 84       | _        | Ш              | _        | _         | _   | $\perp$ | _  | $\perp$ | 4        |          | 134        | $\perp$  | $\perp$  | 4        | $\perp$  |          |          | _ | 4        |   |
|               | 35       |          | -            | 1        |   |      |          |          | Ш        |          |          | 85       |          | Ш              | _        | _         | _   | _       | _  | $\perp$ | 4        |          | 135        | _        | _        | 4        | _        | _        | 4        |   | 4        |   |
|               | 36       |          | -            | $\vdash$ | 1 | _    | $\vdash$ | $\vdash$ | Ш        |          |          | 86       | _        | Н              |          | $\dashv$  | _   | +       |    | +       | 4        | -        | 136        | $\dashv$ | +        | $\dashv$ | $\dashv$ | _        | 4        |   | $\dashv$ |   |
|               | 37       | $\vdash$ | -            | $\vdash$ | - |      |          |          | Н        | $\dashv$ |          | 87       | $\vdash$ | $\vdash\vdash$ | $\dashv$ | $\dashv$  | -   | +       | +  | +       | $\dashv$ | <u> </u> | 137        | $\dashv$ | +        | +        | $\dashv$ | -        | $\dashv$ | + | $\dashv$ | _ |
|               | 38<br>39 |          | -            | $\vdash$ |   |      |          |          | $\vdash$ | $\dashv$ |          | 88<br>89 |          | Н              |          | +         |     | +       | +  | +       | -        |          | 138<br>139 | $\dashv$ | +        | +        | $\dashv$ |          | _        | - | -        |   |
|               | 40       | $\vdash$ | 1            | $\vdash$ | 1 |      | H        | $\vdash$ | $\vdash$ | $\dashv$ |          | 90       | $\vdash$ | Н              |          | $\dashv$  |     | +       | +  | +       | $\dashv$ |          | 140        | $\dashv$ | +        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |   | $\dashv$ |   |
|               | 41       |          | $\vdash$     | $\vdash$ |   |      | $\vdash$ |          | $\vdash$ | $\dashv$ |          | 91       | $\vdash$ | Н              | -        | $\dashv$  | +   | +       | +  | +       | $\dashv$ |          | 141        | $\dashv$ | +        | $\dashv$ | $\dashv$ |          | $\dashv$ | + | $\dashv$ |   |
|               | 42       |          | 1            | H        |   |      | H        |          | H        | $\dashv$ |          | 92       |          | H              | _        | $\dashv$  | H   | +       | +  | +       | $\dashv$ | $\vdash$ | 142        | $\dashv$ | +        | $\dashv$ | $\dashv$ | 1        | $\dashv$ |   | $\dashv$ |   |
|               | 43       |          |              | $\vdash$ | t |      |          |          |          | $\dashv$ |          | 93       |          | H              | $\dashv$ | $\dashv$  | T   | +       | 1  | +       | $\dashv$ |          | 143        | $\dashv$ | $\dashv$ | $\dashv$ | 1        |          | $\dashv$ | 1 | 1        |   |
|               | 44       |          |              | Т        |   |      |          |          |          | $\dashv$ |          | 94       |          | П              |          | $\dashv$  | _   | $\top$  | 1  | $\top$  | 7        |          | 144        | $\dashv$ | $\top$   | 1        | $\dashv$ | 1        |          | 1 | 1        |   |
|               | 45       |          |              |          |   |      |          |          |          |          |          | 95       |          | П              |          |           | T   | $\top$  | 1  |         | 1        |          | 145        | 1        | $\top$   | 1        | T        |          |          |   |          |   |
|               | 46       |          |              |          |   |      |          |          |          | $\Box$   |          | 96       |          | П              |          |           |     |         |    |         |          |          | 146        |          |          | 1        |          |          |          |   |          |   |
|               | 47       |          |              |          |   |      |          |          |          |          |          | 97       |          |                |          |           |     |         |    |         |          |          | 147        |          |          |          |          |          | _        |   | _        |   |
|               | 48       |          |              |          |   |      |          |          |          |          |          | 98       |          |                |          |           |     |         |    |         |          |          | 148        |          |          |          |          |          |          |   |          |   |
|               | 49       |          |              |          |   |      |          |          |          |          |          | 99       |          | Ш              |          |           |     |         | _[ |         | 4        |          | 149        |          |          |          | $\Box$   |          |          |   |          |   |
|               | 50       |          |              |          |   |      |          |          |          |          |          | 100      |          |                |          |           |     |         |    |         |          |          | 150        |          |          |          |          |          |          |   |          |   |